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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,593	12/01/2003	Zhang-Mu Xu		9859

7590 08/30/2005  
ZHANG-MU XU  
13-15 Clinton ST., Apt. 3B  
New York, NY 10002

EXAMINER

CHIANG, JACK

ART UNIT	PAPER NUMBER
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2642

DATE MAILED: 08/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/724,593	<b>Applicant(s)</b> XU, ZHANG-MU	
	<b>Examiner</b> Jack Chiang	<b>Art Unit</b> 2642	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

by

**CLAIMS**

**112 Second Paragraph Rejection**

1. Claims 1-17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1:

line 1, "The telephone plug and jack" lack antecedent basis;

Line 2, what is "which" referring to?

Lines 2-3, "the telephone plug ... the specific property" lack antecedent basis;

Line 3, what is "The specific property" referring to?

Line 3, "it's construction is (jack-connecting cable)" has no clear meaning because it is not clear whether or not the phases "(jack-connecting cable)" is a part of the claimed limitation? Further, what is "it" referring to?

Lines 4-5, "the wall..., the room..., the office..., the cable" lack antecedent basis;

Line 5, the term "or any place" is indefinite; also, what is "which" referring to?

Line 6, is this "jack" the same jack defined in lines 1-4? Further, what "is connecting with ... networking"? Also, "the local telephone ..." lack antecedent basis;

Line 7, "the device" and "the client input terminal" lack antecedent basis;

Line 8, what is "it" referring to?

Line 9, the term "such as" is indefinite?

Art Unit: 2642

Line 10, "the various analogue signals ..." lack antecedent basis; further, what are "the various analogue signals ..." referring to?

Claims 2-17 have a similar problem as claim 1, correction is required.

Claim 8:

Line 5, the types of shapes should be properly defined.

### **Art Rejection**

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-17, as best understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Leung (US 6206724).

Regarding claims 1-2, *as best understood*, Leung shows:

A telephone plug and jack (fig. 1);

A connecting cable and the local telephone network (col. 1, lines 18-20, col. 5, lines 8-12);

Art Unit: 2642

Various signals, such as audio signal, video signal ... analogue and digital signals (col. 3, lines 17-19).

Regarding claims 3-17, as best understood, Leung shows:

The telephone jack (10);

The telephone or computer (col. 1, line 18, col. 6, line 2);

The local network (col. 1, lines 18-19);

Various signals, such as audio signal, video signal ... analogue and digital signals (col. 3, lines 17-19);

The connecting cable (col. 1, lines 18-20, col. 5, lines 8-12);

One terminal of the connecting cable is connected with one telephone jack (see 20);

Another terminal is connected with another jack (see 30);

The shape of the jack/plug (see 20);

The jack has N lines ( $N=1, 2, \dots, n$ ) (see 23);

The type of cable, such as the twisted-pair cable etc. (col. 5, lines 8-9);


The K or M plugs (see 20m, 30m).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack Chiang whose telephone number is 571-272-7483. The examiner can normally be reached on Mon.-Fri. from 8:00 to 6:30.

Art Unit: 2642

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on 571-272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Jack Chiang  
Primary Examiner  
Art Unit 2642